![iFixit logo]

HP Pavilion dv7t-7000 Heat Sink Replacement

A guide to remove and replace the heat sink in the HP Pavilion dv7t-7000.

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INTRODUCTION

A guide to remove and replace the heat sink in the HP Pavilion dv7t-7000.

🔧 TOOLS:

- Metal Spudger (1)
- Phillips #00 Screwdriver (1)
- Spudger (1)
- iFixit Opening Tools (1)

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Step 1 — Battery

- Turn the computer off and disconnect if from all power sources.

Step 2
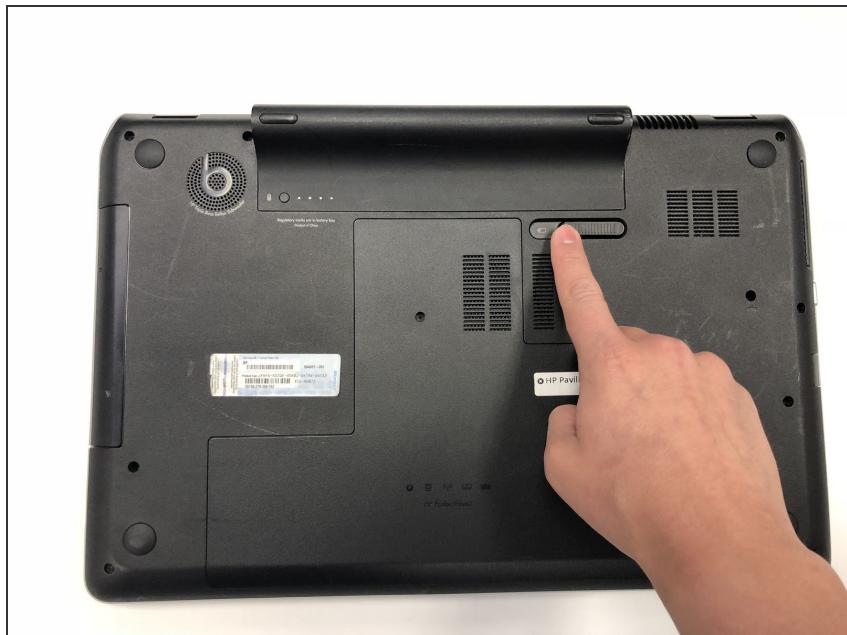
- Slide the battery release switch to the left.

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Step 3
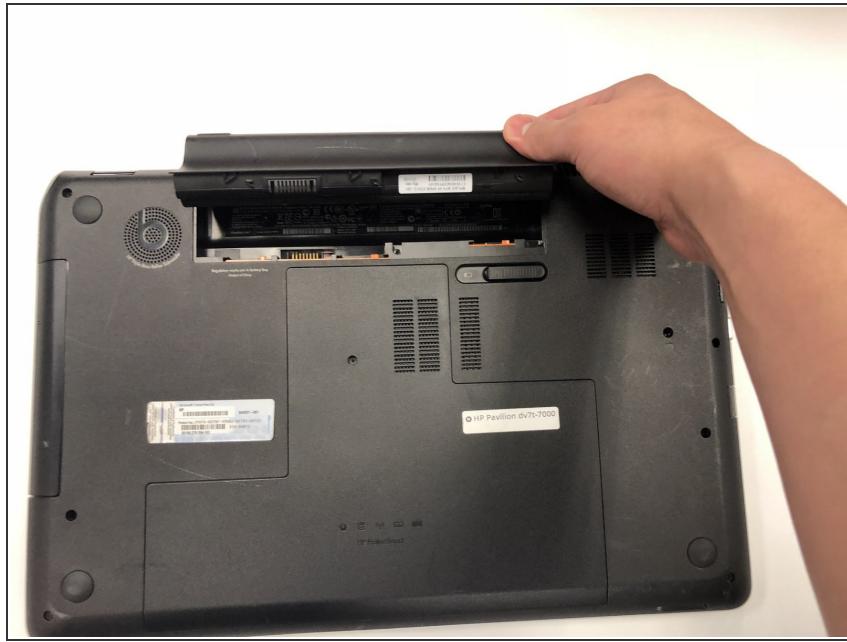
- Hold the release switch all of the way to the left and your other hand to pull the battery out.

Step 4 — Back Panel

- Unscrew the single Phillips #00 screw.

- (i) Screw will not come out, it is connected to the panel

Step 5
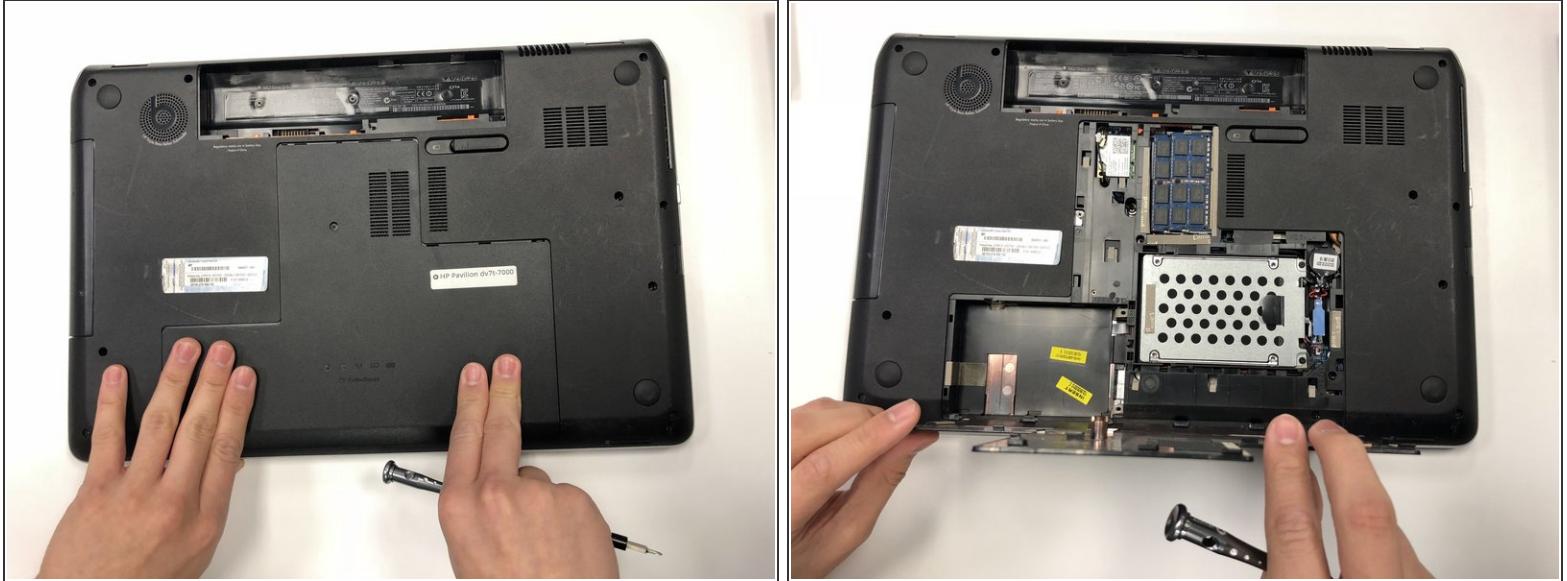
● Remove service hatch by sliding away from the computer and lifting up.

Step 6 — CD Drive
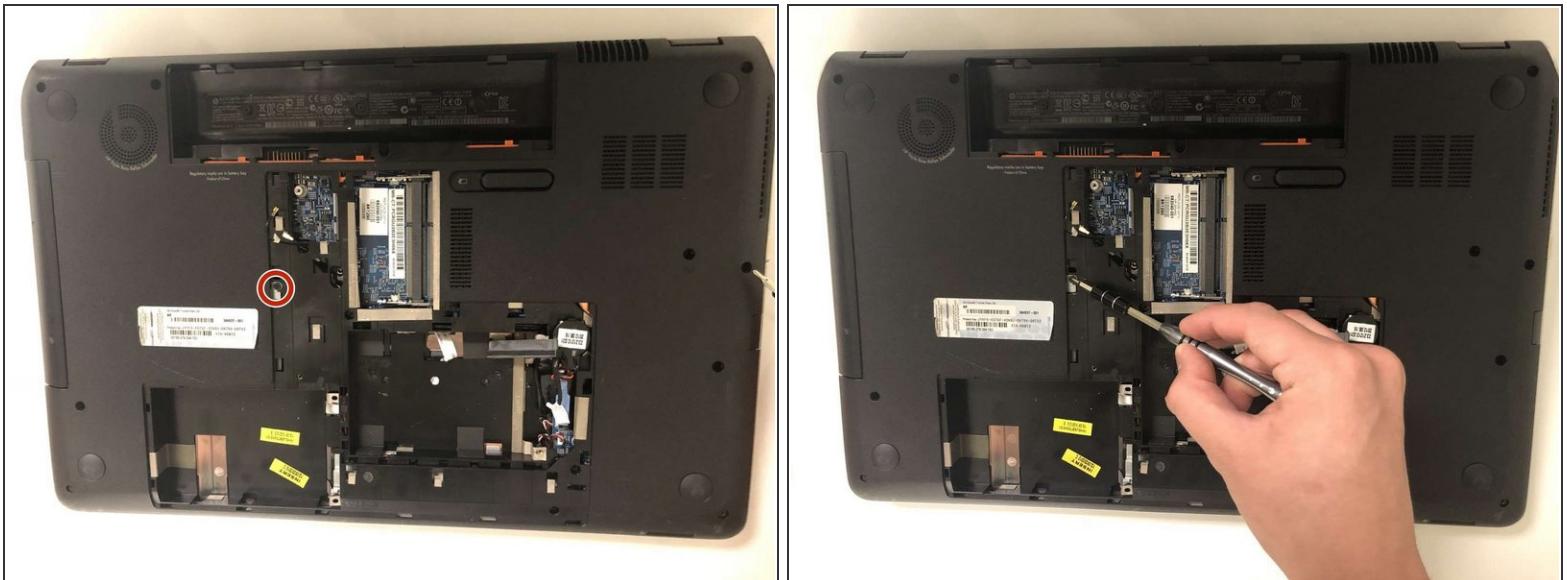
● Remove the single Phillips #00 screw.

Step 7

- Pull CD drive out to remove.

Step 8 — RAM
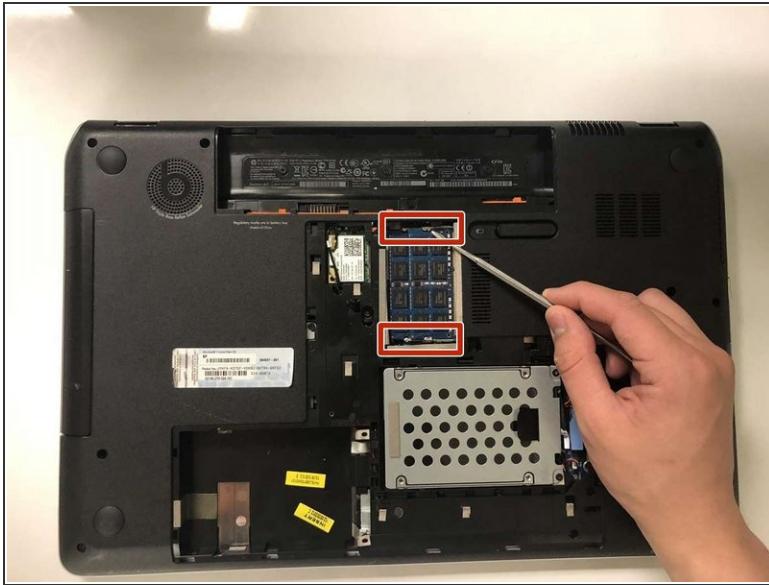
- Push the retraining springs away from the RAM at the same time to unlock the RAM.

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Step 9
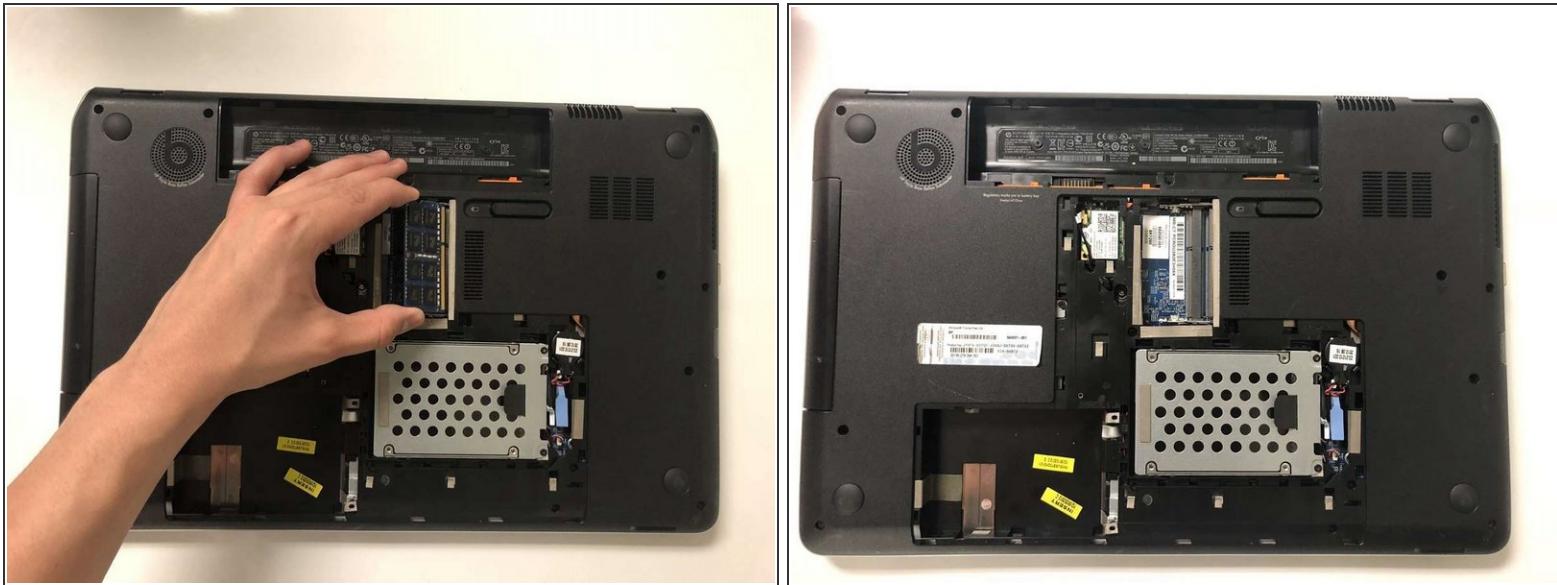
- Pull the RAM out.

- Follow the same procedure for the additional RAM.

Step 10 — Hard Drive
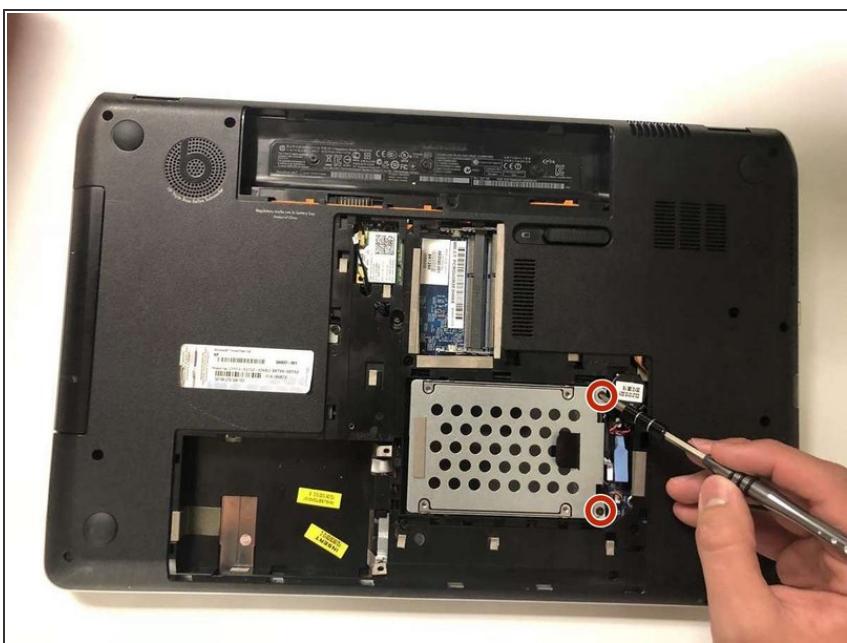
- Remove the two Phillips #00 screws holding in the hard drive.

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Step 11

- Grab the black tab on the hard drive and pull left and then upwards to remove.

Step 12
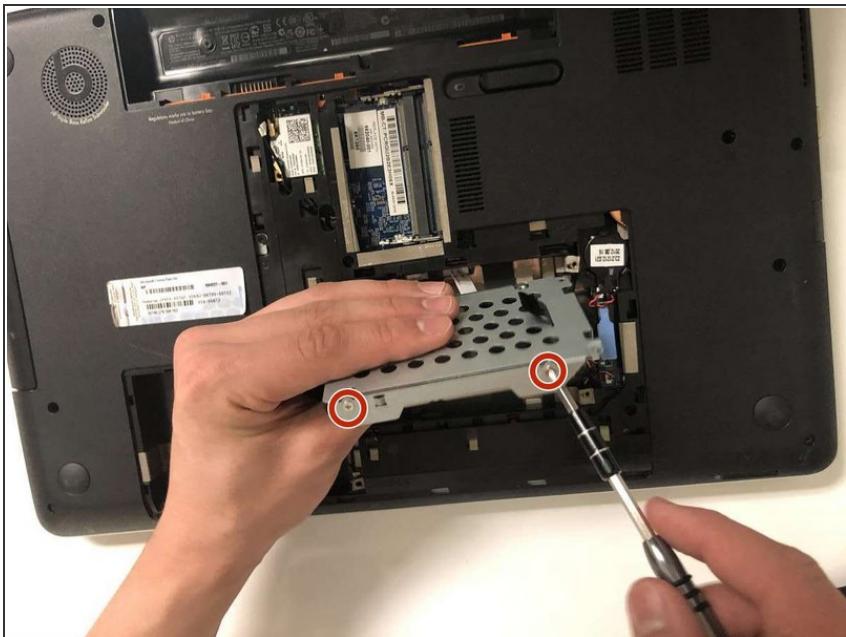
- Remove the four Phillips #00 screws holding the hard drive to its case.

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Step 13

- Slide the casing off of the hard drive.

Step 14

- Unplug the hard drive from the device.

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Step 15 — Wi-Fi Card
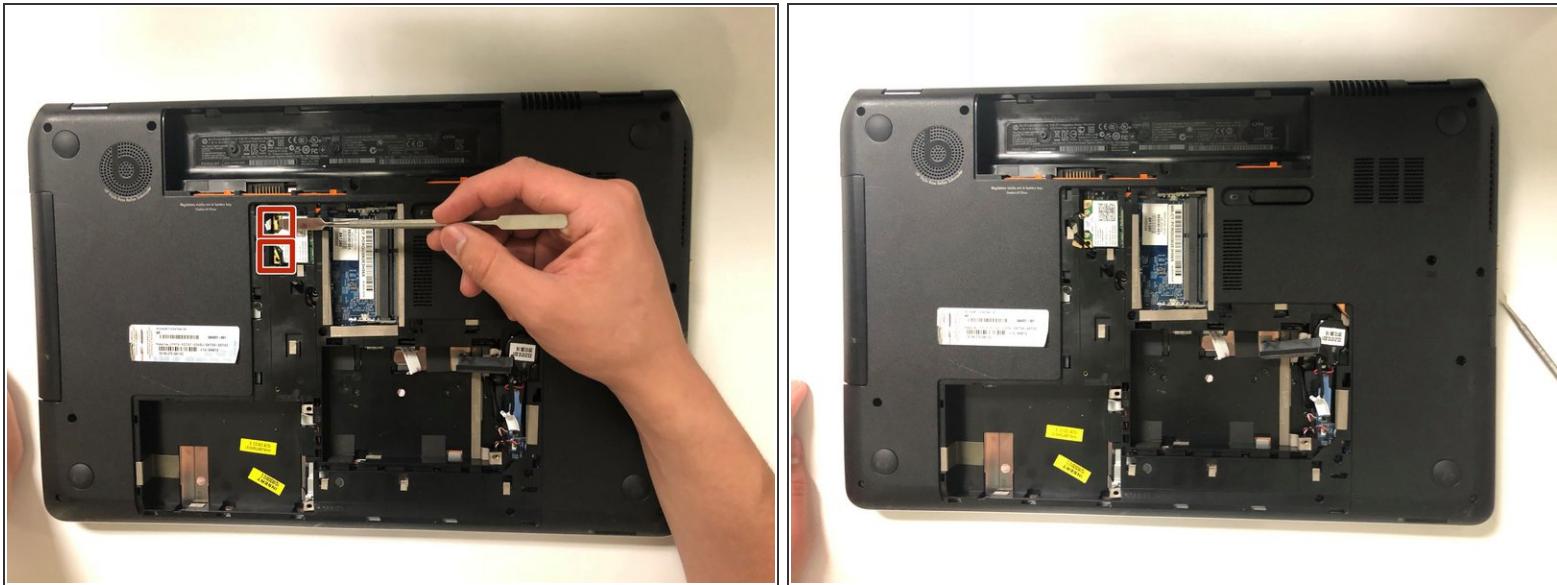
- Use the flat end of a spudger to pop off the antenna connectors.

Step 16

- Remove single Phillips #00 screw.

- Pull the card out by hand.

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Step 17 — Keyboard

- Remove the single Phillips #00 screw.

- Flip the laptop over.

Step 18
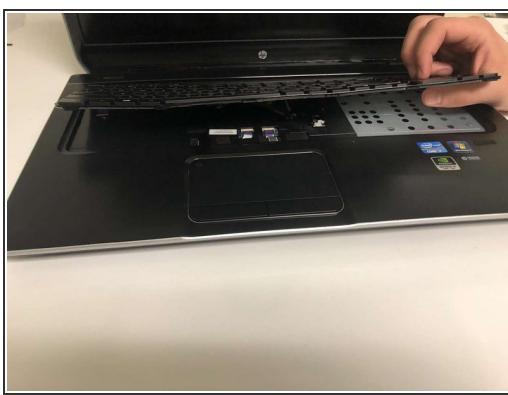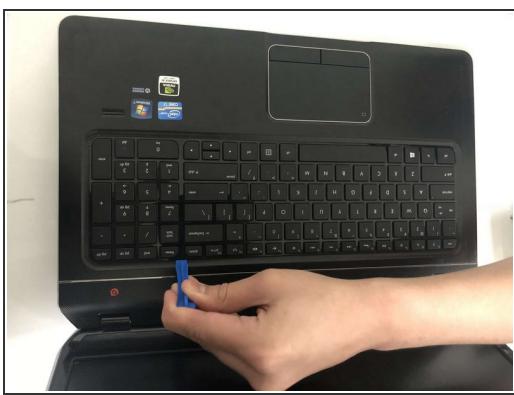
- Wedge a spudger in between the keyboard and palm rest bezel.

- Pry upward to release the keyboard clips.

⚠️ The keyboard is plugged into the motherboard, so be careful not to pull out while lifting keyboard.

Step 19

- Use the flat end of a spudger to flip up the black tab on the ZIF connectors.

- Pull the ribbon cables out of the ZIF connectors.

- Remove the keyboard.

Step 20 — Palm Rest
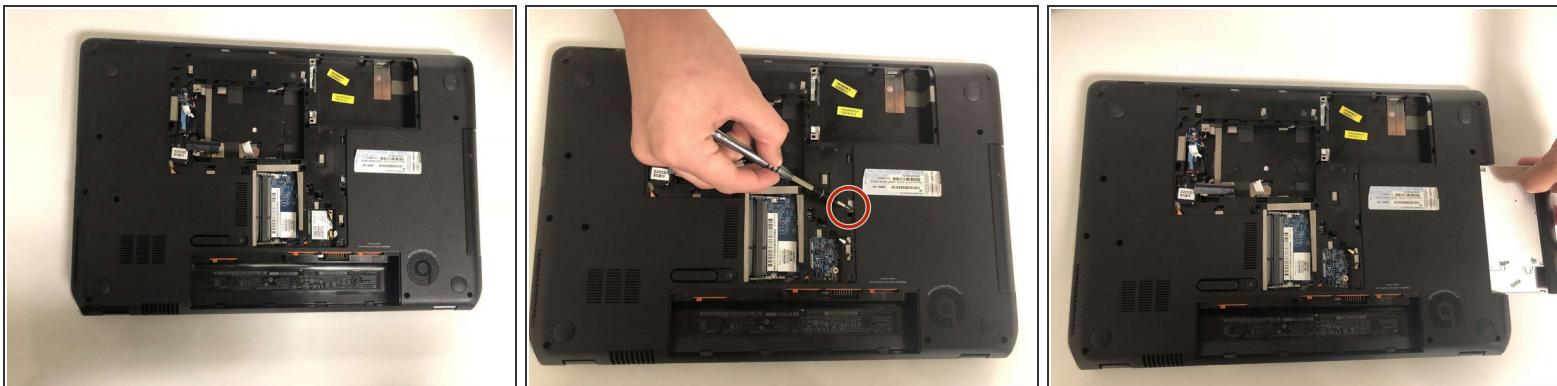
- Flip the keyboard back over.

- Remove the single Phillips #00 screw holding in the CD drive.

- Pull out the CD drive.

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Step 21

- Remove the seventeen Phillips #00 screws securing the back panel to the laptop.

Step 22
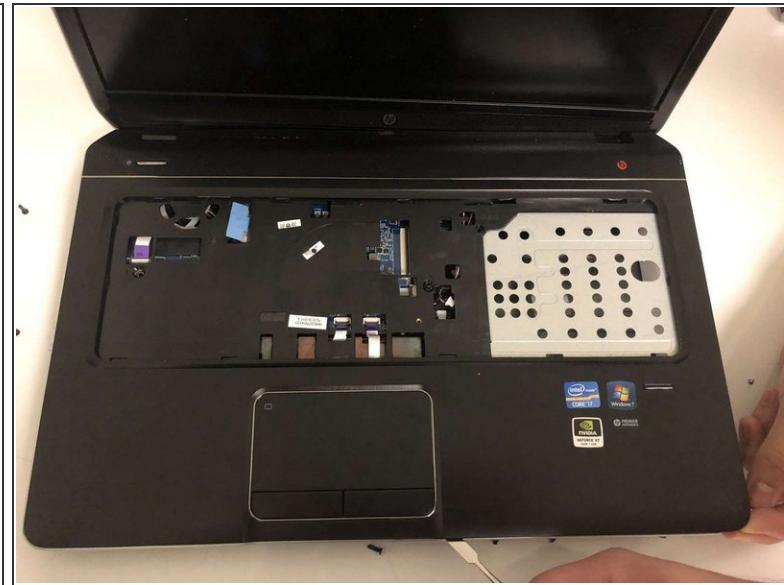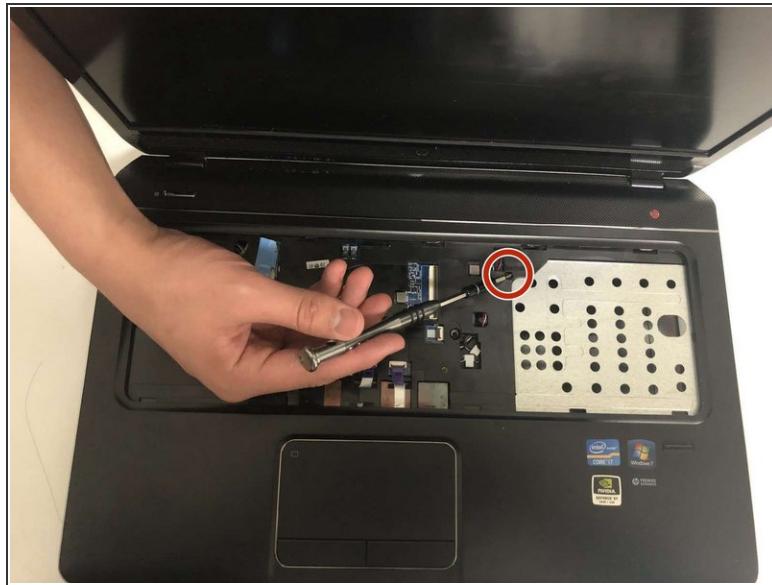
- Flip the laptop over.

- Remove the single Phillips #00 screw.

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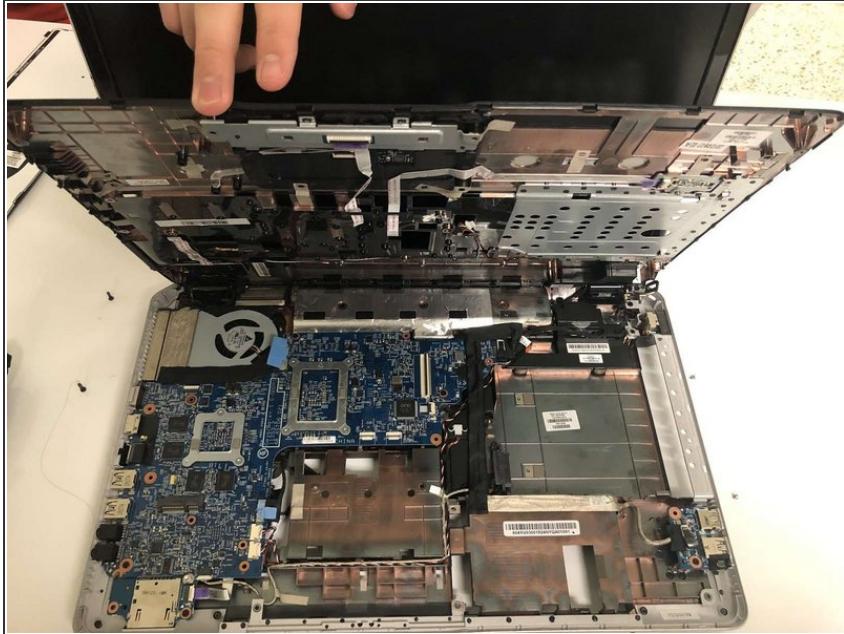
Step 23

● Remove the panel by lifting it up.

## Step 24 — Motherboard
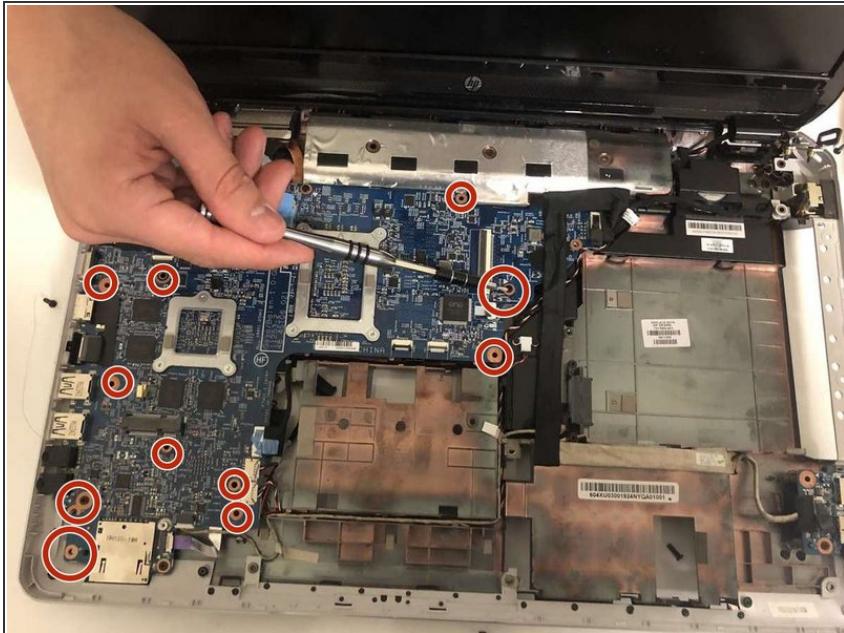
● Remove the eleven Phillips #00 screws.

Step 25

- Use the flat end of a spudger to disconnect all wires connected to the motherboard.

Step 26
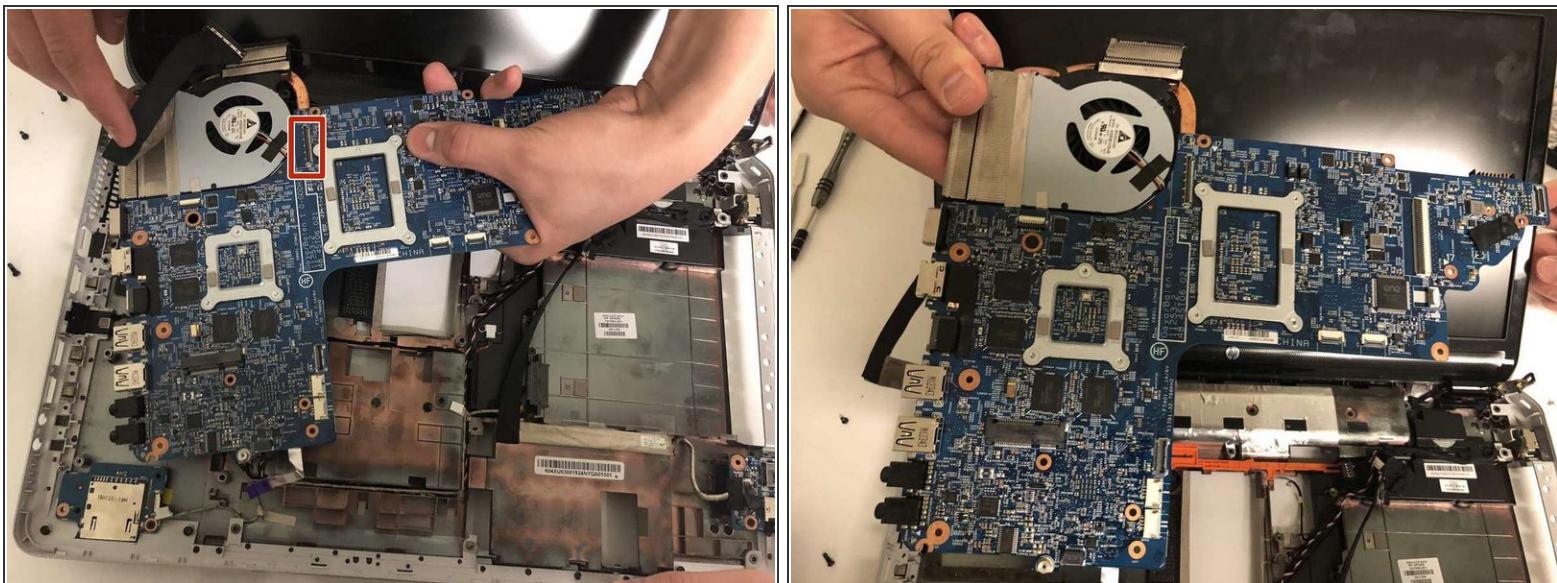
- Lift up the black tab on the ZIF connector with the flat end of a spudger.

- Pull the ribbon cable out of the ZIF connector.

- Remove the fan from the laptop.

Step 27 — Heat Sink
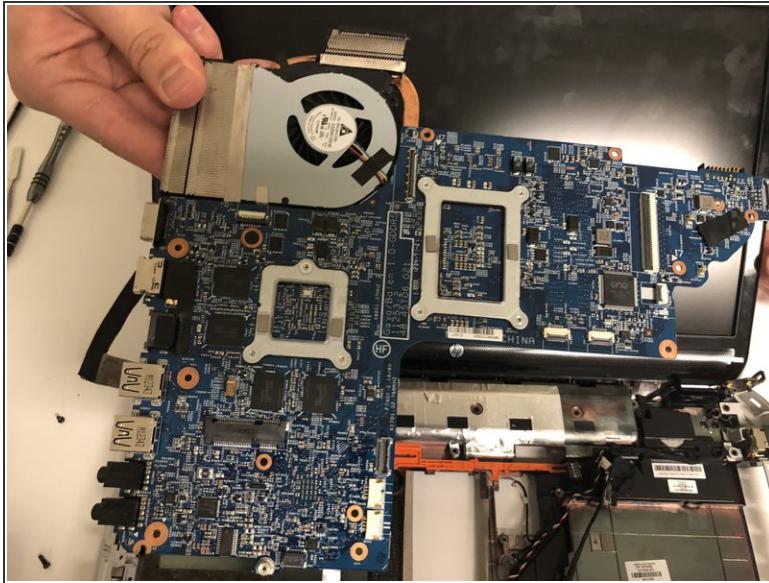
- Once you have removed the motherboard, the heat sink is attached.

- Flip over the motherboard/heat sink assembly.

Step 28
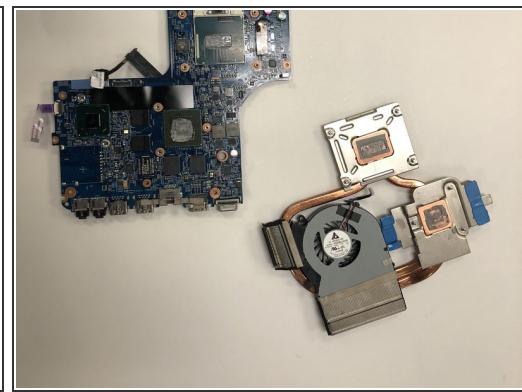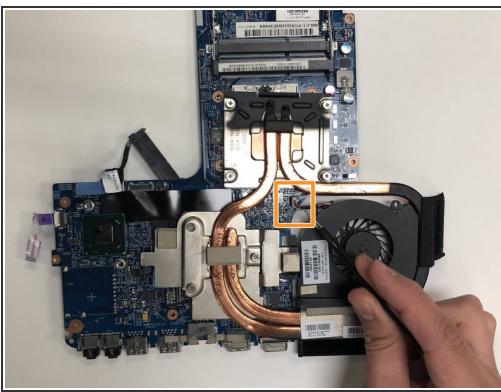
- Remove the six screws holding the heat sink onto the motherboard.

- Unplug the cord supplying power to the fan.

- Pull the two pieces apart.

To reassemble your device, follow these instructions in reverse order.

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